XYZ_W=100.0 , 100.0 , 100.0

$A_2 = 2{,}5\ (a_2 - a_{2,n})\ Y$

$B_2 = 2{,}5\ B_c\ (b_2 - b_{2,n})\ Y$

$a_2 = a_{20}\ [\ (\ x - x_c\ )\ /\ y]$

$b_2 = b_{20}\ [\ z\ /\ y]$

$a_{20} = 1,\ \ b_{20} = -0{,}4$

$x_c = 0{,}110,\ \ B_c = 0{,}900$

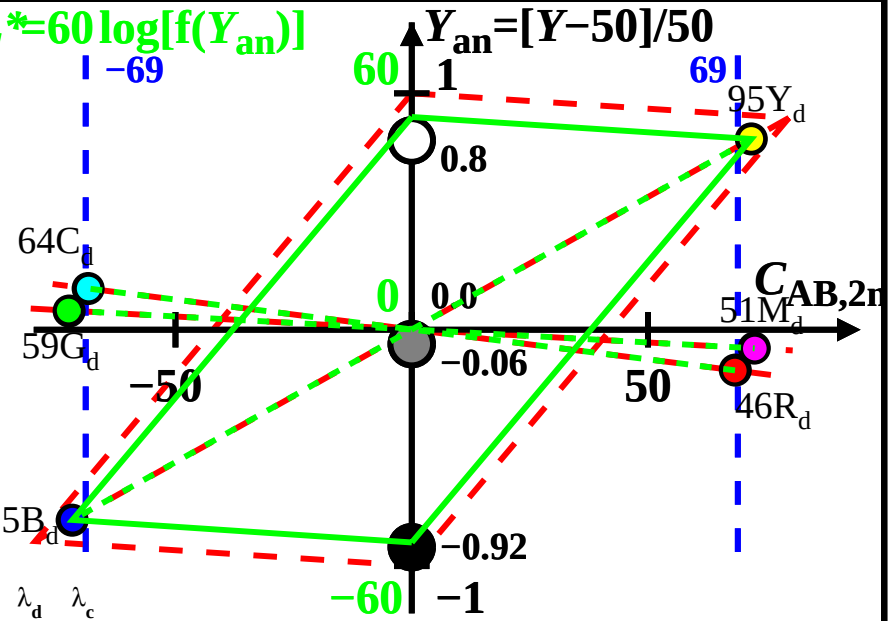
$C_{AB2}=[A_2^2+B_2^2]^{1/2}$

6 *Ostwald*-Farben (o)

von maximalem (m) C_{AB}

linearen Farbenraum ($C_{AB,2}$, Y)

Lichtart E00, Y_W=100, Y_N=10



Name	Bereich	X_d	Y_d	Z_d	x_d	y_d	λ_d	λ_c
R_d	570_775	68.94	46.4	10.14	0.5494	0.3697	598	489
Y_d	494_775	85.05	95.34	15.49	0.4341	0.4867	573	463
G_d	494_570	26.2	59.04	15.45	0.2601	0.5863	536	536c
C_d	380_570	41.16	63.7	99.96	0.2009	0.311	489	598
B_d	380_494	25.06	14.76	94.61	0.1864	0.1098	463	573
M_d	570_494	83.9	51.06	94.65	0.3654	0.2223	536c	536
W_d	380_775	100.0	100.0	100.0	0.3333	0.3333	100%	
N_d	380_775	10.0	10.0	10.0	0.3333	0.3333	10%	
Z_d	380_775	18.0	18.0	18.0	0.3333	0.3333	18%	

$f(Y_{an})=\pm[1+10\ |Y_{an}|^n]$

n nähert sich 1 für:

1. abnehmendem Kontrast *C*
2. aneinandergrenzende / separate Farben.

Parameter:

Y & Name

Lichtart E00

Y_W=100, Y_N=10

BGP70−5A